

POTASH & PHOSPHATE INSTITUTE  
 QUARTERLY REPORT SUMMARY  
 (Short Tons K<sub>2</sub>O)

JANUARY-MARCH

|                                            | CANADIAN PRODUCERS |           |          | UNITED STATES PRODUCERS |         |          | TOTAL CANADIAN & U.S. PRODUCERS |           |          |
|--------------------------------------------|--------------------|-----------|----------|-------------------------|---------|----------|---------------------------------|-----------|----------|
|                                            | 1980               | 1979      | Change % | 1980                    | 1979    | Change % | 1980                            | 1979      | Change % |
| Beginning Inventory                        | 416,323            | 916,719   | - 54.6%  | 274,016                 | 393,394 | - 30.4%  | 690,339                         | 1,310,613 | - 47.3%  |
| (+) Production                             | 2,099,682          | 1,934,167 | + 8.6%   | 668,209                 | 601,496 | + 11.1%  | 2,767,891                       | 2,535,663 | + 9.2%   |
| (-) Ending Inventory                       | 899,054            | 1,121,796 | - 19.9%  | 278,047                 | 353,882 | - 21.4%  | 1,177,101                       | 1,475,678 | - 20.2%  |
| (=) Total Disappearance                    | 1,616,951          | 1,729,090 | - 6.5%   | 664,178                 | 641,508 | + 3.5%   | 2,281,129                       | 2,370,598 | - 3.8%   |
| (-) Exports                                | 392,298            | 551,238   | - 28.8%  | 229,547                 | 101,252 | +126.7%  | 621,845                         | 652,490   | - 4.7%   |
| (=) Disappearance-Canada & (United States) | 1,224,653          | 1,177,852 | + 4.0%   | 434,631                 | 540,256 | - 19.6%  | 1,659,284                       | 1,718,108 | - 3.4%   |

POTASH & PHOSPHATE INSTITUTE  
REPORT OF POTASH PRODUCTION, INVENTORY, DISAPPEARANCE & SALES  
TOTAL BY U. S. & CANADIAN PRODUCERS  
JANUARY-MARCH QUARTER 1980 AND 1979

|                    | PRODUCTION K <sub>2</sub> O |               | ENDING INVENTORY K <sub>2</sub> O MARCH 31 |               | DISAPPEARANCE K <sub>2</sub> O |               |
|--------------------|-----------------------------|---------------|--------------------------------------------|---------------|--------------------------------|---------------|
|                    | 1980                        | JAN-MAR 1979  | 1980                                       | 1979          | 1980                           | JAN-MAR 1979  |
| Spec. Std. Muriate | 51,469                      | 51,432        | 31,426                                     | 39,609        | 55,957                         | 61,521        |
| Standard Muriate   | 629,801                     | 735,526       | 236,348                                    | 367,443       | 673,547                        | 758,410       |
| Chemical Muriate   | 33,161                      | 30,718        | 5,448                                      | 3,145         | 34,914                         | 30,635        |
| Coarse Muriate     | 944,551                     | 865,658       | 454,433                                    | 514,597       | 624,535                        | 692,227       |
| Granular Muriate   | 718,005                     | 600,770       | 286,993                                    | 375,525       | 534,595                        | 558,920       |
| Soluble Muriate    | 262,970                     | 185,511       | 97,705                                     | 149,422       | 215,221                        | 205,630       |
| Sulphates          | <u>127,934</u>              | <u>66,048</u> | <u>64,748</u>                              | <u>25,937</u> | <u>142,360</u>                 | <u>63,255</u> |
| Total              | 2,767,891                   | 2,535,663     | 1,177,101                                  | 1,475,678     | 2,281,129                      | 2,370,598     |

|                    | AGRICULTURAL SALES K <sub>2</sub> O |               |               |               | NON-AGRICULTURAL SALES K <sub>2</sub> O |              |            |              | TOTAL SALES K <sub>2</sub> O |               |
|--------------------|-------------------------------------|---------------|---------------|---------------|-----------------------------------------|--------------|------------|--------------|------------------------------|---------------|
|                    | U.S. & CANADA                       |               | EXPORTS       |               | U.S. & CANADA                           |              | EXPORTS    |              | AG & NON-AG                  |               |
|                    | 1980                                | JAN-MAR 1979  | 1980          | JAN-MAR 1979  | 1980                                    | JAN-MAR 1979 | 1980       | JAN-MAR 1979 | 1980                         | JAN-MAR 1979  |
| Spec. Std. Muriate | 8,443                               | 10,217        | 53,711        | 51,071        | -                                       | -            | -          | -            | 62,154                       | 61,288        |
| Standard Muriate   | 326,714                             | 291,345       | 306,649       | 424,429       | 43,020                                  | 30,534       | 1,848      | 1,244        | 670,231                      | 747,552       |
| Chemical Muriate   | -                                   | -             | -             | -             | 27,404                                  | 30,188       | 195        | 253          | 27,599                       | 30,441        |
| Coarse Muriate     | 496,380                             | 640,920       | 106,949       | 73,276        | -                                       | -            | -          | -            | 603,329                      | 714,196       |
| Granular Muriate   | 453,847                             | 529,416       | 70,476        | 42,912        | -                                       | -            | -          | -            | 524,323                      | 572,328       |
| Soluble Muriate    | 142,766                             | 123,075       | 23,618        | 43,966        | 33,904                                  | 34,882       | 12,039     | 3,617        | 212,327                      | 205,540       |
| Sulphates          | <u>90,992</u>                       | <u>44,216</u> | <u>46,206</u> | <u>11,646</u> | <u>1,851</u>                            | <u>1,547</u> | <u>154</u> | <u>76</u>    | <u>139,203</u>               | <u>57,485</u> |
| Total              | 1,519,142                           | 1,639,189     | 607,609       | 647,300       | 106,179                                 | 97,151       | 14,236     | 5,190        | 2,247,166                    | 2,388,830     |

POTASH & PHOSPHATE INSTITUTE  
REPORT OF POTASH PRODUCTION, INVENTORY, DISAPPEARANCE & SALES  
BY CANADIAN PRODUCERS  
JANUARY-MARCH QUARTER 1980 AND 1979

|                    | PRODUCTION K <sub>2</sub> O |                | ENDING INVENTORY K <sub>2</sub> O MARCH 31 |                | DISAPPEARANCE K <sub>2</sub> O |                |
|--------------------|-----------------------------|----------------|--------------------------------------------|----------------|--------------------------------|----------------|
|                    | 1980                        | JAN-MAR 1979   | 1980                                       | 1979           | 1980                           | JAN-MAR 1979   |
| Spec. Std. Muriate | 51,469                      | 51,432         | 31,426                                     | 39,609         | 55,957                         | 61,521         |
| Standard Muriate   | 390,398                     | 502,261        | 139,539                                    | 182,226        | 416,751                        | 521,732        |
| Chemical Muriate   | 22,383                      | 15,901         | 3,123                                      | 2,179          | 23,722                         | 16,246         |
| Coarse Muriate     | 844,422                     | 745,407        | 398,316                                    | 441,281        | 546,873                        | 561,197        |
| Granular Muriate   | 543,446                     | 440,296        | 235,384                                    | 307,452        | 369,062                        | 369,264        |
| Soluble Muriate    | <u>247,564</u>              | <u>178,870</u> | <u>91,266</u>                              | <u>149,049</u> | <u>204,586</u>                 | <u>199,130</u> |
| Total              | 2,099,682                   | 1,934,167      | 899,054                                    | 1,121,796      | 1,616,951                      | 1,729,090      |

|                    | AGRICULTURAL SALES K <sub>2</sub> O |                |               |               | NON-AGRICULTURAL SALES K <sub>2</sub> O |               |              |              | TOTAL SALES K <sub>2</sub> O |                |
|--------------------|-------------------------------------|----------------|---------------|---------------|-----------------------------------------|---------------|--------------|--------------|------------------------------|----------------|
|                    | U.S. & CANADA                       |                | EXPORTS       |               | U.S. & CANADA                           |               | EXPORTS      |              | AG & NON-AG                  |                |
|                    | 1980                                | JAN-MAR 1979   | 1980          | JAN-MAR 1979  | 1980                                    | JAN-MAR 1979  | 1980         | JAN-MAR 1979 | 1980                         | JAN-MAR 1979   |
| Spec. Std. Muriate | 8,443                               | 10,217         | 53,711        | 51,071        | -                                       | -             | -            | -            | 62,154                       | 61,288         |
| Standard Muriate   | 204,714                             | 134,275        | 201,249       | 372,166       | 21,974                                  | 12,917        | -            | -            | 427,937                      | 519,358        |
| Chemical Muriate   | -                                   | -              | -             | -             | 16,607                                  | 15,849        | 195          | 202          | 16,802                       | 16,051         |
| Coarse Muriate     | 444,013                             | 521,623        | 81,655        | 61,198        | -                                       | -             | -            | -            | 525,668                      | 582,821        |
| Granular Muriate   | 338,694                             | 367,350        | 21,904        | 19,156        | -                                       | -             | -            | -            | 360,598                      | 386,506        |
| Soluble Muriate    | <u>136,690</u>                      | <u>118,633</u> | <u>23,618</u> | <u>43,828</u> | <u>31,351</u>                           | <u>32,960</u> | <u>9,966</u> | <u>3,617</u> | <u>201,625</u>               | <u>199,038</u> |
| Total              | 1,132,554                           | 1,152,098      | 382,137       | 547,419       | 69,932                                  | 61,726        | 10,161       | 3,819        | 1,594,784                    | 1,765,062      |

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REPORT OF POTASH PRODUCTION, INVENTORY, DISAPPEARANCE & SALES  
BY U. S. PRODUCERS  
JANUARY-MARCH QUARTER 1980 AND 1979

|                  | PRODUCTION K <sub>2</sub> O |              | ENDING INVENTORY K <sub>2</sub> O MARCH 31 |         | DISAPPEARANCE K <sub>2</sub> O |              |
|------------------|-----------------------------|--------------|--------------------------------------------|---------|--------------------------------|--------------|
|                  | 1980                        | JAN-MAR 1979 | 1980                                       | 1979    | 1980                           | JAN-MAR 1979 |
| Standard Muriate | 239,403                     | 233,265      | 96,809                                     | 185,217 | 256,796                        | 236,678      |
| Chemical Muriate | 10,778                      | 14,817       | 2,325                                      | 966     | 11,192                         | 14,389       |
| Coarse Muriate   | 100,129                     | 120,251      | 56,117                                     | 73,316  | 77,662                         | 131,030      |
| Granular Muriate | 174,559                     | 160,474      | 51,609                                     | 68,073  | 165,533                        | 189,656      |
| Soluble Muriate  | 15,406                      | 6,641        | 6,439                                      | 373     | 10,635                         | 6,500        |
| Sulphates        | 127,934                     | 66,048       | 64,748                                     | 25,937  | 142,360                        | 63,255       |
| Total            | 668,209                     | 601,496      | 278,047                                    | 353,882 | 664,178                        | 641,508      |

|                  | AGRICULTURAL SALES K <sub>2</sub> O |              |         |              | NON-AGRICULTURAL SALES K <sub>2</sub> O |              |         |              | TOTAL SALES K <sub>2</sub> O |              |
|------------------|-------------------------------------|--------------|---------|--------------|-----------------------------------------|--------------|---------|--------------|------------------------------|--------------|
|                  | U.S. & CANADA                       |              | EXPORTS |              | U.S. & CANADA                           |              | EXPORTS |              | AG & NON-AG                  |              |
|                  | 1980                                | JAN-MAR 1979 | 1980    | JAN-MAR 1979 | 1980                                    | JAN-MAR 1979 | 1980    | JAN-MAR 1979 | 1980                         | JAN-MAR 1979 |
| Standard Muriate | 122,000                             | 157,070      | 105,400 | 52,263       | 21,046                                  | 17,617       | 1,848   | 1,244        | 250,294                      | 228,194      |
| Chemical Muriate | -                                   | -            | -       | -            | 10,797                                  | 14,339       | -       | 51           | 10,797                       | 14,390       |
| Coarse Muriate   | 52,367                              | 119,297      | 25,294  | 12,078       | -                                       | -            | -       | -            | 77,661                       | 131,375      |
| Granular Muriate | 115,153                             | 162,066      | 48,572  | 23,756       | -                                       | -            | -       | -            | 163,725                      | 185,822      |
| Soluble Muriate  | 6,076                               | 4,442        | -       | 138          | 2,553                                   | 1,922        | 2,073   | -            | 10,702                       | 6,502        |
| Sulphates        | 90,992                              | 44,216       | 46,206  | 11,646       | 1,851                                   | 1,547        | 154     | 76           | 139,203                      | 57,485       |
| Total            | 386,588                             | 487,091      | 225,472 | 99,881       | 36,247                                  | 35,425       | 4,075   | 1,371        | 652,382                      | 623,768      |